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(54) **TREATING CARTILAGE DEFECT WITH
UCB-MSC EXPRESSING TSP-2**

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CPC **A61K 38/1709** (2013.01); **A61K 38/1808** (2013.01); **A61K 38/39** (2013.01); **G01N 33/5005** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

Thrombospondin 1 (TSP-1), TSP-2, interleukin 17B receptor (IL-17BR) and heparin-binding epidermal growth factor-like growth factor (HB-EGF) associated with stem cell activity and use thereof.

1 Claim, 23 Drawing Sheets
(5 of 23 Drawing Sheet(s) Filed in Color)